OK

Depth 6	Contents 7	Reference to last Measurement 8

Work CODE: 009-17-000053 Est. Cost: 13.00 lakhs

First & Final Bill

M. A. R. 57 (Rule 116)

Measurement Book

No. B 357973

Head of A/C: P-3110

Serial No. .....

Name of Work Providing Drinking water in ward no: 9 Vidhyaranyapura Sub division From ..... To .....

Name of Contractor of nature of Agency Executive Engineer KRIDL

Date of commencement of work EE/BTP/BBMP/KRIDL/WO/56/2017-18, Dated: 18.01.2018

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(1)	~~Geophysical~~ Geophysical Investigation of site for sinking Bore well of detailed specification recorded in This MB, Vide page no: 357901.						
	1) Narasipura Govt High School at HMT Lyt	1x1	–	–	–	1.0	Nos
	2) Veerabhadra Swamy Temple Area at Thindlu	1x1	–	–	–	1.0	Nos
(2)	Sinking Bore well of 165 mm ϕ clear Using Super fast hydraulic rig of Capacity 250 PSIG of detailed specification recorded in this MB, Vide page no: 357901/2.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For Depth						
	50 to 100 m	2×1		–	50.00	100.00	Rmt
	100 to 150 m	2×1	–"–	–"–	50.00	100.00	–"–
	150 to 200 m	2×1	–"–	–"–	50.00	100.00	–"–
	200 to 250 m	2×1	–"–	–"–	50.00	100.00	–"–
	250 to 300 m	2×1	–"–	–"–	50.00	100.00	–"–
(3)	Supply of ISI Mark 175 mm nominal bore, plain end steel casing pipe of detailed specification recorded in this MB, Vide page No: 357902.						
		1×1	–	–	60.00	60.00	Rmt
		1×1	–	–	60.00	60.00	–"–
					Total:	120.00	Rmt

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
4)	Providing 250 mm ϕ P... This MB, Vide Page No:
5)	Providing and fixing ... Recorded in This MB,
(6)	Supply and delivery a... of detailed specifica... For 12.50 Hp 25 stage

BOOK

ns eadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	50.00	100.00	Rmt
	50.00	100.00	-11-
	50.00	100.00	-11-
	50.00	100.00	-11-
	50.00	100.00	-11-
e, plain end steel casing pipe d in this MB, Vide page No:			
	60.00	60.00	Rmt
	60.00	60.00	-11-
	Total:	120.00	Rmt

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357974

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
4)	Providing 250 mm ϕ PVC pipe 6kg/cm etc of detailed specification recorded in This MB, Vide Page No: 357903						
		2x1	18.00	—	—	36.00	Rmt
5)	Providing and fixing 160mm Bore well Cap etc of detailed specification Recorded in This MB, Vide page no: 357903						
		2x1	—	—	—	2.0	Each
(6)	Supply and delivery at site board Neo Texmo/ innovol/ Lubi/ Sabar/ Atlanta/ Calamal of detailed specification Recorded in This MB, Vide page no: 357903/2 For 12.50 Hp 25 stage						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1×1	–	–	–	1.0	Nos
		1×1	–	–	–	1.0	-11-
					Total	2.0	Nos
	(7) Providing and fixing in Trenches GI/mild steel Tubes of detailed Specification Recorded in this MB, Vide page 357904						
		2×1	260.0	–	–	520.0	m
	(8) Supplying and drawing 3 core flat PVC sheated submersible pump cable of detailed Specification Recorded in this MB, Vide page no: 357904/2						
		2×2	265.0	–	–	1060.00	Mts.
	(9) Labour charges for Erection as new/repaired submercible pump set of detailed Specification Recorded in this MB, Vide page no: 357905						

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Serial No. .....
Name of Work ..... From..
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	(Each length = 6m) =	(2×260
	10) Supplying and fixing 20"x20"x Recorded in this MB, Vide page	
		2×1
	11) Supplying of 1.1 KV LT UG cab MB, Vide page no: 357905/2	
		2×1
	12) Labour charges for laying of	

OOK

Depth 6	Contents 7	Reference to last Measurement 8
—	1.0	Nos
—	1.0	-11-
Total	2.0	Nos
mild steel Tubes		of detailed
e page 357904		
—	520.0	m
heated submersible pump cable of		
s MB, Vide page no: 357904/2		
—	1060.00	Mts.
ed Submersible pump set		
is MB, Vide page no: 357905		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357975

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(Each length = 6m) =	(2×260)/6 = 86.66 ≃ 90.00:				90.00	Per Length /
10)	Supplying and fixing 20"x20"x2.5" polished wood board of detailed specification Recorded in this MB, Vide page no: 357905	2×1	—	—	—	2.00	Each
11)	Supplying of 1.1 KV LT UG cable of detailed specification MB, Vide page no: 357905/2	2×1	30.0	—	—	60.00	Recorded in this mts
12)	Labour charges for laying of	1.1 KV class UG cable of detailed specification					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Recorded in this MB, Vide page no: 357905/2						
		2x1	30.0	–	–	60.00	Mts
13)	Digging of Trench of 0.6m deep of 0.50m wide of detailed specification recorded in this MB, Vide page no: 357906						
	For Road cutting surface	2x1	25.0	–	–	50.0	Mts.
14)	Supplying and fixing of class 'A' GI pipe of detailed specification Recorded in this MB, Vide page no: 357906/2						
	40mm ϕ GI Pipe	2x1	4.00	–	–	8.0	Mt
15)	Supplying and fixing LT cast iron tot heads of detailed specification Recorded in this MB, Vide page no: 357906/2						

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, o
1	2
16)	Supplying, fixing specification rec
17)	Supplying and fix in this MB, Vide 32 Amps
18)	Providing and fix detailed specifi

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
	357905/2		
	–	60.00 Mts	
m mode detailed		specification recorded	
	–	50.0 Mts.	
of detailed specification			
	7906/2		
	–	8.0 Mt	
ods of detailed specification			
	7905/2		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357976

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2x1	–	–	–	2.0	No
16)	Supplying, fixing, wiring, Earth electrode for grounding conduits of detailed specification recorded in this MB, Vide page no: 357907						
						2.0	No
		2x1	–	–	–		
17)	Supplying and fixing of porcelain fuse channel of detailed specification recorded in this MB, Vide page no: 357907.						
	32 Amps	2x6	–	–	–	12.00	Nos
18)	Providing and fixing in position 50mm nominal bore gun metal Non return valve of detailed specification Recorded in this MB, Vide page no: 357907/2						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2x1	–	–	–	2.0	No.
19)	Providing Np/Cp Waste unions of detailed specification Recorded in this MB, Vide page no: 357907/2						
	50mm ϕ	2x1	–	–	–	2.0	Nos
20)	Supplying and fixing 50mm ϕ GI x nipple of detailed specification Recorded in this MB, Vide page no: 357908/2						
	50mm ϕ	2x1	4.0	–	–	8.0	No.
21)	Supplying and Fixing Miniature circuit Breakers of detailed specification Recorded in this MB, Vide page no: 357908						
	5-32 Amps Group A TPN	2x1	–	–	–	2.0	No.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
22)	Supplying [illegible] and mounting [illegible] in this MB, Vide page [illegible] 16 SWG
23)	Supplying fully automa [illegible] in this MB, Vide [illegible] three contactors one c [illegible] & steel enclosure for v [illegible] board for motor upto 12 charge of the work

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
	—	2.0	No.
d	Specification Recorded in		
	—	2.0	Nos
le	of detailed specification		
7908/2			
—	—	8.0	No.
	of detailed specification Recorded		
—	—	2.0	No.

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357977

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
22)	Supplying and mounting MS Box made out 5WG in this MB, Vide page No: 357908/2 of detailed specification Recorded						
	16 SWG	2×2	120.0	60.0	—	28,800=00	
		2×1	360.0	25.0	—	18,000=00	
					Total:	46800=00	
23)	Supplying fully automatic star delta starter of [illegible] with push button type with suitable wires in this MB, Vide [illegible] three contactors one adjustable termal timer mounded on a common base plate held in steel enclosure for use 400/440 Volts 3phase and wired after fixing to the wooden board for motor upto 12.50 Hp etc, complete and as per the directions of the Engineer-in charge of the work	2×1	—	—	—	2.0	Nos.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
24)	Earth work Excavation for pipeline of detailed specification Recorded in This MB, Vide page no: 35791 0.						
	1) Narasipura Govt high School HMT Lyt					81.00	
		06×1	30.0	0.60	0.75		m³
		2×1	30.0	0.60	0.75	27.00	-"-
	2)					54.00	
		4×1	30.0	0.60	0.75		m³
		1×1	29.0	0.60	0.75	13.05	-"-
					Total	175.05	m³
	This Qty is limitted to as per schedule 'B' Qty as 164.25 m³						
25)	Providing and Instalation of site of works PVC pipes of detailed specification Recorded in This MB, Vide page no: 35791						

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Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
1)	Narasipura Govt high School	4×1
		3×1
2)		
		3×1
		2×1
		1×1
	∴ This Qty is limitted	

BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
detailed specification Recorded			
		81.00	
0.60	0.75	27.00 m³	
0.60	0.75	54.00 m³	
0.60	0.75	13.05 m³	
	Total	175.05 m³	
chedule 'B' Qty as 164.25 m³			
orks PVC pipes of detailed specification			
35791			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357978

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
1)	Narasipura Govt high school						
		4×1	30.0	—	—	120.00	
		3×1	30.0	—	—	90.00	
2)							
		3×1	30.0	—	—	90.00	
		2×1	30.0	—	—	60.00	
		1×1	10.0	—	—	10.00	
					Total	370.00	Rmt
	∴ This Qty is limited to as per schedule 'B'					Qty as 365.00 Rmt	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
26)	Refilling the basement and pipe line of detailed specification Recorded in this MB, Vide page no: 357912/2						
	∴ This Qty is same as Qty Recorded of Item No: (24) as 164.25 m3						
27)	Providing and fixing in position brass Gate Valve with C I wheel of detailed specification Recorded in this MB, Vide page no: 357913	2	1	—	—	2.00	Each.
	Certificates:-						
	1) The contractor has done the work satisfactory.						
	2) The contractor has remove the debris from the work spot						
	3) No materials is issued from the Department						

ASSISTANT EXECUTIVE ENGINEER
Nanyapura Sub-Division
Bruhath Bangalore Mahanagara Palike

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
Sl No	Item	Unit
1)	Geophysical Investigation	Each
2)	Sinking Borewell	
	50 to 100 m	Rmt
	100 to 150 m	Rmt
	150 to 200 m	Rmt
	200 to 250 m	Rmt
	250 to 300 m	Rmt
3)	ISI mark Steel casing pipe	Rmt
4)	250mm ϕ PVC Pipe	Rmt
5)	Borewell cap	Each
6)	New Texmo Motar.	No

BOOK

ons		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
of detailed specifications Recorded			
corded of Item No: (24) as			
ass Gate Valve with C I Wheel of			
This MB, Vide page no: 357913			
—	—	2.00	Each.
e the work satisfactory.			
move the debris from the work spot			
ssued from the Department.			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357979

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

ABSTRACT STATEMENT

Date 1	Full description, etc, of work 2		Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Sl No	Item	Unit	Previous Measurement Qty	Measurement cost	Present Qty	Measurement Rate	Amount	Total Up To Date Qty / Amount
1)	Geophysical Investigation	Each	—11—	—11—	2.00	1882.00	3764.00	2.0 / 3764.00
2)	Sinking Borewell							
	50 to 100 m	Rmt	—11—	—11—	100.00	315.18	31518.00	100.00 / 31518.00
	100 to 150 m	Rmt	—11—	—11—	100.00	412.00	41200.00	100.0 / 41200.00
	150 to 200 m	Rmt	—11—	—11—	100.00	458.35	45835.00	100.00 / 45835.00
	200 to 250 m	Rmt	—11—	—11—	100.00	484.10	48410.00	100.00 / 48410.00
	250 to 300 m	Rmt	—11—	—11—	100.00	560.32	56032.00	100.00 / 56032.00
3)	ISI mark steel casing pipe	Rmt	—11—	—11—	100.00	600.49	60049.00	100.00 / 60049.00
4)	250mm ϕ PVC Pipe	Rmt	—11—	—11—	120.00	1325.00	159000.00	120.00 / 159000.00
5)	Borewell cap	Each	—11—	—11—	36.00	1100.00	39600.00	36.00 / 39600.00
6)	New Texmo Motar.	No	—11—	—11—	2.0	100.00	200.00	2.00 / 200.00
					2.0	60400.0	120800.00	2.00 / 120800.00

MEASUREMENT BOOK

Date	Full description, etc, of work		Dimensions				Contents	Reference to last Measurement	
			Number	Length	Breadth	Depth			
1	2		3	4	5	6	7	8	
7)	mild steel tubes.	Mt	-11-	-11-	520.00	457.92	238118.00	520.00	238118.00
8)	Submersible pump cable	Mt	-11-	-11-	1060.00	126.70	134302.00	1060.0	134302.00
9)	Labour charges For submersible pump set	per Lenth	-11-	-11-	90.0	88.00	7920.00	90.00	7920.00
10)	20"x20"x2.5" polished Wood board	Each	-11-	-11-	2.0	302.00	604.00	2.00	604.00
11)	1.1 KV LT UG Cable	Mts	-11-	-11-	60.0	140.40	8424.00	60.00	8424.00
12	Labour charges for 1.1 kv LT cable	Mts	-11-	-11-	60.00	10.80	648.00	60.00	648.00
13)	Digging Trench	Mts	-11-	-11-	50.00	85.00	4250.00	50.00	4250.00
14)	GI Pipe	Mts	-11-	-11-	8.00	345.00	2760.00	8.00	2760.00
15)	LT Cast Iron pot heads	No	-11-	-11-	2.00	280.00	560.00	2.00	560.00
16)	Earth Electrode for Ground	No	-11-	-11-	2.00	2727.0	5454.00	2.00	5454.00
17)	Porcelin Fuse channel	No	-11-	-11-	12.00	180.00	2160.00	12.00	2160.00
18)	metal Non-Return Valve	Nos	-11-	-11-	2.00	1585.76	3172.00	2.00	3172.00
19	NP/CP waste risers	Nos	-11-	-11-	2.00	227.90	456.00	2.00	456.00
20)	GI x nipple	No	-11-	-11-	8.00	104.30	834.00	8.00	834.00
21)	Circuit Breakers	No	-11-	-11-	2.00	1547.80	3094.00	2.00	3094.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
22)	MS Box	m
23)	Fully Automatic Stare Delta Starter	No
24)	Earth Work Excavation	m
25)	P.V.C Pipes.	Rm
26)	Refilling the Earth	m
27)	Brass Gate valve with C.I wheel.	E
	Total	

Rupees

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

OOK

	Depth 6	Contents 7	Reference to last Measurement 8	
	457.92	238118.00	520.00	238118.00
	126.70	134302.00	1060.0	134302.00
	88.00	7920.00	90.00	7920.00
	302.00	604.00	2.00	604.00
	140.40	8424.00	60.00	8424.00
	10.80	648.00	60.00	648.00
	85.00	4250.00	50.00	4250.00
	345.00	2760.00	8.00	2760.00
	280.00	560.00	2.00	560.00
	2727.0	5454.00	2.00	5454.00
	180.00	2160.00	12.00	2160.00
	1585.76	3172.00	2.00	3172.00
	227.90	456.00	2.00	456.00
	104.30	834.00	8.00	834.00
	1547.80	3094.00	2.00	3094.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357980

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2		Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8	
22)	MS Box	m2	-11-	-11-	46800.00	0.33	15444.00	46800.0	15444.00
23)	Fully Automatic Stare Delta Starter	No	-11-	-11-	2.00	6583.00	13166.00	2.00	13166.00
24)	Earth Work Excavation	m3	-11-	-11-	164.25	188.00	30879.00	164.25	30879.00
25)	P.V.C Pipes.	Rmt	-11-	-11-	365.00	157.00	57305.00	365.00	57305.00
26)	Refilling the Earth	m3	-11-	-11-	164.25	61.00	10019.00	164.25	10019.00
27)	Brass Gate valve with C.I wheel.	Each	-11-	-11-	2.00	2729.50	5459.00	2.00	5459.00
	Total						1151436=00		1151436=00
			Add 11% service charge to KRIDL BEscom Deposit & Meter Charges				126657.96 20,000=00		126657.96 20,000=00
							Grand Total: 12,98,093.96		12,98,093.96

(Rupees Twelve Lakhs Ninty Eight Thousand Ninty Three only.)

Verified
Dt. 31/8

Dt. 10/8/2018

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total Rs:	12,98,093-00	
					IT -	25962-00	
					Cess -	12981-00	
					CBF -	1298-00	
					FSD -	64905-00	
					Add	105146-00	
					Cheque	11.92.947-	

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 12,98,093-00

ಗಣ ಮಾ ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 105146-00

ಮುಂಗಡ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 11.92947-

Rs. Eleven Lakh ninety two thousand nine hundred forty seven only.

ಈ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧಿಕಾರಿಗಳು 31/08

ಚಾಲು ... ಕಾಗ, ... 31/8

Premeasurements

Serial No. Construction of

Name of Work (N.T.I. Ground) at

Name of Contractor of nature of Agency Ex

Date of commencement of work BBMP

Date	Full description, etc, of work
1	2
1)	Earth work Excavation at Suvarna Mahotsava (N.T.I.) Ground
2)	Earth work Excavation Sanitary line
3)	Providing and laying